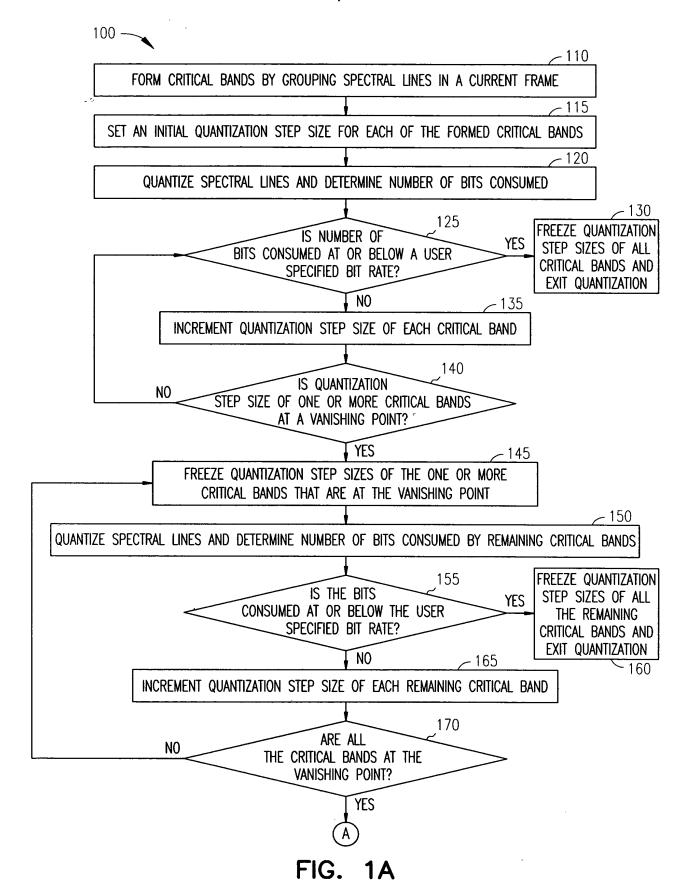
INVENTORS NAME: Anil Kumar et al. DOCKET NO.: 1864.005US1



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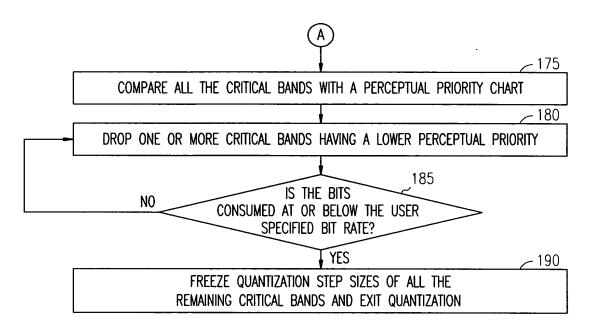


FIG. 1B

INVENTORS NAME: Anil Kumar et al. DOCKET NO.: 1864.005US1 3/6 200 -- 210 FORM CRITICAL BANDS BY GROUPING SPECTRAL LINES IN A CURRENT FRAME -215 SET AN INITIAL QUANTIZATION STEP SIZE FOR EACH OF THE FORMED CRITICAL BANDS BASED ON A PERCEPTUAL MODEL AND FORM A FIRST PERCEPTUAL PRIORITY CHART **~ 220** QUANTIZE SPECTRAL LINES AND DETERMINE NUMBER OF BITS CONSUMED -230225 FREEZE QUANTIZATION IS NUMBER OF YES STEP SIZES OF ALL BITS CONSUMED AT OR BELOW A USER CRITICAL BANDS AND SPECIFIED BIT RATE? **EXIT QUANTIZATION** NO - 235 INCREMENT QUANTIZATION STEP SIZE OF EACH CRITICAL BAND ACCORDING TO THE FIRST PERCEPTUAL PRIORITY CHART 240 IS QUANTIZATION NO STEP SIZE OF ONE OR MORE CRITICAL BANDS AT A VANISHING POINT? 245 YES FREEZE QUANTIZATION STEP SIZES OF THE ONE OR MORE CRITICAL BANDS THAT ARE AT THE VANISHING POINT AND FORM A SECOND PERCEPTUAL PRIORITY CHART BY REMOVING THE ONE OR MORE CRITICAL BANDS FROM THE FIRST PERCEPTUAL PRIORITY CHART 250 QUANTIZE SPECTRAL LINES AND DETERMINE NUMBER OF BITS CONSUMED BY REMAINING CRITICAL BANDS 255 FREEZE QUANTIZATION IS THE BITS STEP SIZES OF ALL YES CONSUMED AT OR BELOW THE USER THE REMAINING SPECIFIED BIT RATE? CRITICAL BANDS AND EXIT QUANTIZATION NO - 265 ~ 260 INCREMENT QUANTIZATION STEP SIZE OF EACH CRITICAL BAND ACCORDING TO THE SECOND PERCEPTUAL PRIORITY CHART 270 ARE ALL NO. THE CRITICAL BANDS AT THE VANISHING POINT? YES

TITLE: SYSTEMS AND METHODS FOR LOW BIT RATE AUDIO CODERS

FIG. 2A

INVENTORS NAME: Anil Kumar et al. DOCKET NO.: 1864.005US1

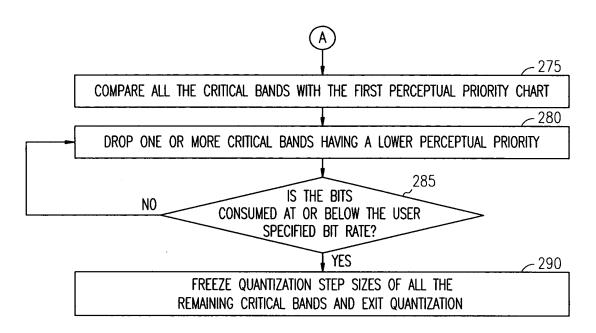
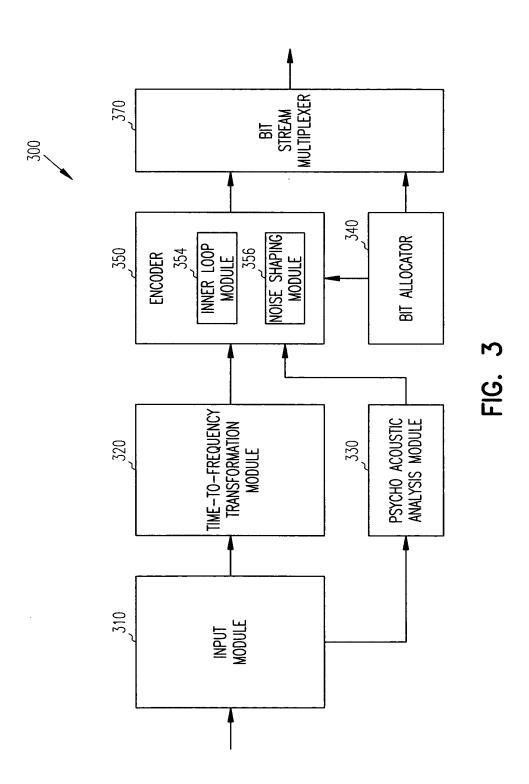


FIG. 2B

SYSTEMS AND METHODS FOR LOW BIT RATE AUDIO CODERS INVENTORS NAME: Anil Kumar et al. DOCKET NO.: 1864.005US1 TITLE:



INVENTORS NAME: Anil Kumar et al. DOCKET NO.: 1864.005US1

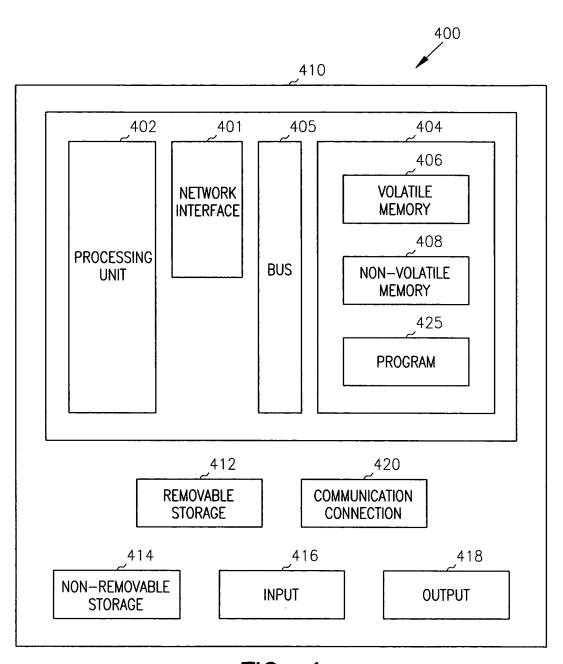


FIG. 4